IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Gu et al.

Application No. 10/767,135

Filed: January 28, 204

Confirmation No. Not yet assigned

For: REGION EXTRACTION IN VECTOR IMAGES (as amended)

Examiner: Not yet assigned

Art Unit: Not yet assigned

Attorney Reference No. 3382-67742

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
FOR CONTINUING APPLICATIONS

Listed on the accompanying form PTO-1449 are several English-language and/or non-English-language documents. Applicants respectfully request that such documents be listed as references cited on the issued patent.

The present application relies upon U.S. Patent Application No. 09/151,368, which was filed September 10, 1998, for an earlier filing date under 35 U.S.C. § 120. Furthermore, documents listed on the accompanying form PTO-1449 were submitted to or cited by the Patent Office in the earlier U.S. application. Copies of the documents listed on the accompanying form PTO-1449 need not be sent to the Patent Office pursuant to 37 C.F.R. § 1.98. However, applicants will furnish the Patent Office with such copies upon request.

The filing of this Information Disclosure Statement shall not be construed to be an

admission that the information cited in the statement is, or is considered to be, prior art or

otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By   _____

Kyle B. Rinehart
Registration No. 47,027

One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204
Telephone: (503) 226-7391
Facsimile: (503) 228-9446

	Attorney Docket Number	3382-67742
	Application Number	10/767,135
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date	January 28, 2004
	First Named Inventor	Gu
	Art Unit	Not yet assigned
	Examiner Name	Not yet assigned

APR 0 5 2004

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Name
		4,783,833	11.8.1988	Kawabata et al.
		5,034,986	7.23.1991	Karmann et al.
		5,103,305	4.7.1992	Watanabe
		5,103,306	4.7.1992	Weiman et al.
		5,117,287	5.26.1992	Koike et al.
		5,136,659	8.4.1992	Kaneko et al.
		5,148,497	9.15.1992	Pentland et al.
		5,175,808	12.29.1992	Sayre
		5,214,504	5.25.1993	Toriu et al.
		5,258,836	11.2.1993	Murata
		5,259,040	11.2.1993	Hanna
		5,274,453	12.28.1993	Maeda
		5,295,201	3.15.1994	Yokohama
		5,329,311	7.12.1994	Ward et al.
		5,376,971	12.27.1994	Kadono et al.
		5,471,535	11.28.1995	Ikezawa et al.
		5,524,068	6.4.1996	Kacandes et al.

EXAMINER SIGNATURE:	DATE CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

		Attorney Docket Number	3382-67742
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/767,135
		Filing Date	January 28, 2004
		First Named Inventor	Gu
		Art Unit	Not yet assigned
		Examiner Name	Not yet assigned

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Name
		5,546,129	8.13.1996	Lee
		5,557,684	9.17.1996	Wang et al.
		5,572,258	11.5.1996	Yokoyama
		5,577,131	11.19.1996	Oddou
		5,581,308	12.3.1996	Lee
		5,598,215	1.28.1997	Watanabe
		5,598,216	1.28.1997	Lee
		5,612,743	3.18.1997	Lee
		5,619,281	4.8.1997	Jung
		5,627,591	5.6.1997	Lee
		5,654,771	8.5.1997	Tekalp et al.
		5,666,434	9.9.1997	Nishikawa et al.
		5,668,608	9.16.1997	Lee
		5,673,339	9.30.1997	Lee
		5,684,509	11.4.1997	Hatanaka et al.
		5,684,886	11.4.1997	Kamada et al.
		5,692,063	11.25.1997	Lee et al.

EXAMINER SIGNATURE:	DATE CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket Number	3382-67742
	Application Number	10/767,135
	Filing Date	January 28, 2004
	First Named Inventor	Gu
	Art Unit	Not yet assigned
	Examiner Name	Not yet assigned

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Name
		5,694,487	12.2.1997	Lee
		5,706,417	1.6.1998	Adelson
		5,717,463	2.10.1998	Brailean et al.
		5,731,836	3.24.1998	Lee
		5,731,849	3.24.1998	Kondo et al.
		5,734,737	3.31.1998	Chang et al.
		5,748,789	5.5.1998	Lee et al.
		5,761,326	6.2.1998	Brady et al.
		5,761,341	6.2.1998	Go
		5,764,805	6.9.1998	Martucci et al.
		5,764,814	6.9.1998	Chen et al.
		5,778,098	7.7.1998	Lee et al.
		5,784,175	7.21.1998	Lee
		5,802,220	9.1.1998	Black et al.
		5,809,161	9.15.1998	Auty et al.
		5,864,630	1.26.1999	Cosatto et al.
		5,923,365	7.13.1999	Tamir et al.

EXAMINER SIGNATURE:	DATE CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket Number	3382-67742
	Application Number	10/767,135
	Filing Date	January 28, 2004
	First Named Inventor	Gu
	Art Unit	Not yet assigned
	Examiner Name	Not yet assigned

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Name
		5,946,043	8.31.1999	Lee et al.
		5,946,419	8.31.1999	Chen et al.
		5,978,497	11.2.1999	Lee et al.
		5,982,909	11.9.1999	Erdem et al.
		6,005,493	12.21.1999	Taniguchi et al.
		6,005,625	12.21.1999	Yokoyama
		6,011,596	1.4.2000	Burl et al.
		6,026,182	2.15.2000	Lee et al.
		6,037,988	3.14.2000	Gu et al.
		6,075,875	6.13.2000	Gu
		6,097,854	8.1.2000	Szeliski et al.
		6,400,831	6.4.2002	Lee et al.

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Country
		WO 91/11782	8.8.1991	PCT
		EP474307A2	3.11.1992	Europe
		EP579319A2	1.19.1994	Europe

EXAMINER SIGNATURE:	DATE CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

		Attorney Docket Number	3382-67742
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/767,135
		Filing Date	January 28, 2004
		First Named Inventor	Gu
		Art Unit	Not yet assigned
		Examiner Name	Not yet assigned

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Country
		EP614318A2	9.7.1994	Europe
		EP625853A2	11.23.1994	Europe
		WO 97/05746	2.13.1997	PCT

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		Adiv, "Determining Three-Dimensional Motion and Structure From Optical Flow Generated By Several Moving Objects," *IEEE Trans. on PAMI*, Vol. 7, pp. 384-401 (1985).
		Aggarwal et al., "Corresponding Processes in Dynamic Scene Analysis," *Proc. IEEE*, Vol. 69, No. 5, pp. 562-572 (1981).
		Ayer et al., "Segmentation of Moving Objects by Robust Motion Parameter Estimation Over Multiple Frames," *Proc. 3 European Conference on Computer Vision*, Stockholm, Sweden, pp. 316-327 (1994).
		Black, "Combining Intensity and Motion for Incremental Segmentation and Tracking Over Long Image Sequences," ECCV'92, pp. 485-493, Santa Margherita, Italy (May 1992).
		Bonnaud et al., "Multiple Occluding Object Tracking Using a Non-Redundant Boundary-Based Representation," ICIP 97, pp. 426-429 (Oct. 1997).
		Bouthemy et al., "Motion Segmentation and Qualitative Dynamic Scene Analysis from An Image Sequence," *Intl. Journal of Computer Vision*, Vol. 10, No. 2, pp. 157-182 (1993).
		Brady et al., "Computationally Efficient Estimation of Polynomial Model-based Motion," *Proceedings of Picture Coding Symposium 1996, Melbourn* (March 1996).
		Brady et al., "Object Detection and Tracking Using an Em-Based Motion Estimation and Segmentation Framework," ICIP'96, Vol. 1, pp. 925-928, Lausanne, Switzerland (September 1996).
		Burt et al., "Segmentation and Estimation of Image Region Properties Through Cooperative Hierarchical Computation," *IEEE Transactions on Systems, Man, and Cybernetics*, Vol. SMC-11, No. 12, pp. 802-809 (December 1981).

EXAMINER SIGNATURE:	DATE CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

		Attorney Docket Number	3382-67742
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/767,135
		Filing Date	January 28, 2004
		First Named Inventor	Gu
		Art Unit	Not yet assigned
		Examiner Name	Not yet assigned

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		Canny, "A Computational Approach to Edge Detection," *IEEE Transactions on Pattern Analysis and Machine Intelligence*, Vol. PAMI-8, No. 6, pp. 679-698 (November 1986).
		Chang et al., "Next Generation Content Representation, Creation, and Searching for New-Media Applications in Education," *Proc. IEEE*, Vol. 86, No. 5, pp. 884-904 (1998).
		Chang et al., "Transform Coding of Arbitrarily-Shaped Image Segments," *Proceedings of the ACM Multimedia 93*, pp. 83-90, (August 1, 1993).
		Chen et al., "A Block Transform Coder for Arbitrarily Shaped Image Segments," ICIP-94, Vol. I/III, pp. 85-89 (November 13, 1994).
		Chen et al., "Image Segmentation as an Estimation Problem," *Computer Graphics and Image Processing*, Vol. 12, pp. 153-172 (1980).
		Cover et al., "Nearest Neighbor Pattern Classification," *IEEE Transactions on Information Theory*, Vol. IT-13, pp. 21-27 (1967).
		Crisman, "Color Region Tracking for Vehicle Guidance," Active Vision, Blake and Yuille ed., MIT Press, Cambridge, pp. 107-120 (1992).
		Curwen et al., "Dynamic Contours: Real-time Active Splines," Active Vision, Blake and Yuille ed., MIT Press, Cambridge, pp. 39-58 (1992).
		Deriche et al., "Tracking Line Segments," ECCV'90, pp. 259-268 (1990).
		Dickmanns, "Expectation-based Dynamic Scene Understanding," Active Vision, Blake and Yuille ed., MIT Press, Cambridge, pp. 303-335 (1992).
		Diehl, "Object-Oriented Motion Estimation and Segmentation In Image Sequences," *Signal Processing Image Communication*, Vol. 3, No. 1, pp. 23-56 (1991).
		Fogg, "Image and Video Compression," *SPIE-The International Society for Optical Engineering Proceedings*, Vol. 2186 (1994).
		Foley et al., "Computer Graphics Principles and Practice," Addison-Wesley Publishing Company, Inc., pp. 835-851 (1990).
		Franke et al., "Constrained Iterative Restoration Techniques: A Powerful Tool in Region Oriented Texture Coding," *Signal Processing IV: Theories and Applications*, pp. 1145-1148 (September 1988).
		Goh et al., "Model-Based Multi-Resolution Motion Estimation in Noisy Images," *CVGIP: Image Understanding*, Vol. 59, No. 3, pp. 307-319 (1994).
		Gordon, "On the Tracking of Featureless Objects with Occlusion," *IEEE Workshop on Visual Motion*, Irving, pp. 13-20 (1989).

EXAMINER SIGNATURE:	DATE CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Attorney Docket Number	3382-67742
		Application Number	10/767,135
		Filing Date	January 28, 2004
		First Named Inventor	Gu
		Art Unit	Not yet assigned
		Examiner Name	Not yet assigned

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		Gu, "3D Contour Image Coding Based on Morphological Filters and Motion Estimation," ICASSP94, pp. 277-280 (1994).
		Gu, "Combined Gray-Level and Motion Segmentation for Very Low Bit-Rate Coding," *SPIE*, Vol. 2451, pp. 121-129 (March 20, 1995).
		Gu et al., "Morphological Moving Object Segmentation and Tracking for Content-Based Video Coding," *International Symposium on Multimedia Communication and Video Coding, New York*, Plenum Press (Oct. 11-13, 1995).
		Gu et al., "Semantic Video Object Tracking Using Region-Based Classification," *Proc. of IPCIP '98 Int'l Conf. on Image Processing, Chicago, IL*, pp. 643-647 (October 1998).
		Gu et al., "Semiautomatic Segmentation and Tracking of Semantic Video Objects," *IEEE Transactions on Circuits and Systems for Video Technology*, Vol. 8, No. 5, pp. 572-584 (September 1998).
		Gu et al., "Tracking of Multiple Semantic Video Objects for Internet Applications," *Part of IS&T/SPIE Conf. on Visual Comm. and Image Processing '99, San Jose, CA*, pp. 806-820 (January 1999).
		Gu, "Multivalued Morphology and Segmentation-Based Coding," Ph.D. dissertation, LTS/-EPFL, http://-ltswww.-epfi.-ch/- Staff/gu.html, (1995).
		Guo et al., "Tracking of Human Body Motion Based on a Stick Figure Model," *Journal of Visual Communication and Image Representation*, Vol. 5, No. 1, pp. 1-9 (1994).
		Haddad et al., "Digital Signal Processing, Theory, Applications, and Hardware," pp. 257-261 (1991).
		Haralick et al., "Image Segmentation Techniques," *Computer Vision, Graphics and Image Processing*, Vol. 29, pp. 100-132 (1985).
		Harris, "Tracking and Rigid Models," <u>Active Vision</u>, Blake and Yuille ed., MIT Press, Cambridge, pp. 59-74 (1992).
		Horowitz et al., "Picture Segmentation By a Tree Traversal Algorithm," *J. ACM*, Vol. 23, No. 3, pp. 368-388 (1976).
		Hötter, "Optimization and Efficiency of an Object-Oriented Analysis-Synthesis Coder, *IEEE Transactions on Circuits and Systems for Video Technology*, No. 2, pp. 181-194 (April 4, 1994).
		International Organization for Standardisation ISO/IEC JTCI/SC29/WG11, Information Technology-Coding of Audio-Visual Objects: Visual, ISO/IEC 14496-2, pp. 159-311, (May 28, 1998).

EXAMINER SIGNATURE:	DATE CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket Number	3382-67742
	Application Number	10/767,135
	Filing Date	January 28, 2004
	First Named Inventor	Gu
	Art Unit	Not yet assigned
	Examiner Name	Not yet assigned

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		International Organization for Standardisation ISO/IEC JTCI/SC29/WG11, Information Technology-Coding of Audio-Visual Objects: Visual, ISO/IEC 14496-2, pp. 183-190, (May 28, 1998).
		International Organization for Standardisation ISO/IEC JTCI/SC29/WG11, Information Technology-Coding of Audio-Visual Objects: Visual, "Preprocessing and Postprocessing," ISO/IEC 14496-2, pp. 303-308 (May 28, 1998).
		International Organization for Standardisation ISO/IEC JTCI/SC29/WG11, N2459, "Overview of the MPEG-4 Standard," (Oct. 1998).
		ISO, ISO/IEC JTC1/SC29/WG11 MPEG 97/N1642, "MPEG-4 Video Verification Model Version 7.0 3. Encoder Definition," pp. 1, 17-122 Bristol (April 1997).
		Irani et al., "Detecting and Tracking Multiple Moving Objects Using Temporal Integration," *In Proc. 2nd European Conference on Computer Vision*, pp. 282-287 (1992).
		Irani et al., "Video Indexing Based on Mosaic Representations," *Proc. IEEE*, Vol. 86, No. 5, pp. 905-921 (May 1998).
		Kass et al., "Snakes: Active Contour Models," *Proc. Int'l. Conference Computer Vision*, London, pp. 259-268 (1987).
		Kunt et al., "Second Generation Image-CodingTechniques," *Proceedings of IEEE*, Vol. 73, No. 4 (1985).
		LaCall, "MPEG: A Video Compression Standard for Multimedia Applications," *Communications of the ACM*, Vol. 34, No. 4, pp. 47-58 (April 1991).
		Lee et al., "A Layered Video Object Coding System Using Sprite and Affine Motion Model," *IEEE Transactions on Circuits and Systems for Video Technology*, Vol. 7, No. 1 (February 1997).
		Legters et al., "A Mathematical Model for Computer Image Tracking," *IEEE Trans. On Pattern Analysis and Machine Intelligence*, Vol. 4, No. 6, pp. 583-594 (1982).
		Marqués et al., "Object Tracking for Content-Based Functionalities," *SPIE*, Vol. 3024, pp. 190-199 (1997).
		Marr, "Vision," W.H. Freeman, New York, Chapter 4, pp. 268-294 (1982).
		Meyer, "Color Image Segmentation," *4th International Conference on Image Processing and its Applications*, pp. 303-306 (May 1992).
		Meyer et al., "Region-Based Tracking in an Image Sequence," *Signal Processing: Image Communications*, Vol. 1, No. 2, pp. 476-484 (October 1989).

EXAMINER SIGNATURE:	DATE CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

		Attorney Docket Number	3382-67742
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/767,135
		Filing Date	January 28, 2004
		First Named Inventor	Gu
		Art Unit	Not yet assigned
		Examiner Name	Not yet assigned

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		Meyer et al., "Region-Based Tracking Using Affine Motion Models in Long Image Sequences," *CVGIP: Image Understanding*, Vol. 60, No. 2, pp. 119-140 (September 1994).
		Mitiche et al., "Computation and Analysis of Image Motion: A Synopsis of Current Problems and Methods," *Intl. Journal of Computer Vision*, Vol. 19, No. 1, pp. 29-55 (1996).
		Moscheni et al., "Object Tracking Based on Temporal and Spatial Information," ICASSP 96, pp. 1914-1917 (May 1996).
		Murray et al., "Scene Segmentation From Visual Motion Using Global Optimization," *IEEE Trans. On Pattern Analysis and Machine Intelligence*, Vol. 9, No. 2, pp. 220-228 (1987).
		Mussman et al., "Object-Oriented Analysis-Synthesis Coding of Moving Images," *Signal Processing: Image Communications*, Vol. 1, pp. 117-138 (1989).
		Nagel et al., "Motion Boundary Detection In Image Sequences by Local Stochastic Tests," *In 3 Proc. European Conference on Computer Vision*, Stockholm, pp. 305-315 (1994).
		Nicolas et al., "Global Motion Identification For Image Sequence Analysis and Coding," *Proc. ICASSP*, Toronto, pp. 2825-2828 (1992).
		Nieweglowski et al., "A Novel Video Coding Scheme Based on Temporal Prediction Using Digital Image Warping," *IEEE Transactions on Consumer Electronics*, Vol. 39, No. 3, pp. 141-150 (August 1993).
		Odobez et al., "Robust Multiresolution Estimation of Parametric Motion Models," *J. Visual Communication and Image Representation*, Vol. 6, No. 4, pp. 248-265 (1995).
		Orchard, "Predictive Motion-Field Segmentation for Image Sequence Coding," *IEEE Transactions on Circuits and Systems for Video Technology*, Vol. 3, No. 1, pp. 54-70 (February 1993).
		Ozer, "Why MPEG is Hot," *PC Magazine*, pp. 130-131 (April 11, 1995).
		Pennebaker et al., "JPEG Still Image Data Compression Standard," Chapter 20, pp. 325-349 (1993).
		Pipitone et al., "Tripod operators for recognizing objects in range images: rapid rejection of library objects," *Proceedings of the 1992 IEEE International Conference on Robotics and Automation* (May 1992).
		Rao, "Data Association Methods for Tracking Systems," <u>Active Vision</u>, Blake and Yuille ed., MIT Press, Cambridge, pp. 91-106 (1992).

EXAMINER SIGNATURE:	DATE CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

		Attorney Docket Number	3382-67742
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/767,135
		Filing Date	January 28, 2004
		First Named Inventor	Gu
		Art Unit	Not yet assigned
		Examiner Name	Not yet assigned

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		Rogmone, "Identifying Multiple Motions from Optical Flow," *In Proc. 2 European Conference On Computer Vision*, pp. 258-266 (1992).
		Rui et al., "Digital Image/Video Library and MPEG-7: Standardization and Research Issues," ICASSP '98, Seattle, (May 1998).
		Salembier et al., "Region-Based Video Coding Using Mathematical Morphology," *Proceedings of the IEEE*, Vol. 83, No. 6, pp. 843-857 (June 1995).
		Salembier et al., "Segmentation-Based Video Coding System Allowing the Manipulation of Objects," *IEEE Transactions on Circuits and Systems for Video Technology*, Vol. 7, No. 1, pp. 60-73 (February 1997).
		Sanson, "Motion Affine Models Identification and Application to Television Image Coding," *SPIE Visual Communications and Image Processing '91: Visual Communications*, Vol. 1605, pp. 570-581 (November 11, 1991).
		Schalkoff et al., "A Model and Tracking Algorithm for a Class of Video Targets," *IEEE Trans. On Pattern Analysis and Machine Intelligence*, Vol. 4, No. 1, pp. 2-10 (1982).
		Seferidis et al., "General Approach to Block-Matching Motion Estimation," *Optical Engineering*, Vol. 32, No. 7, pp. 1464-1474 (July 1993).
		Sethi et al., "Finding Trajectories of Feature Points in a Monocular Image Sequence," *IEEE Trans. On PAMI*, Vol. 9, No. 1, pp. 56-73 (1987).
		Terzopoulos et al., "Tracking Nonrigid 3D Objects," Active Vision, Blake and Yuille ed., MIT Press, Cambridge, pp. 75-90 (1992).
		Terzopoulos et al., "Tracking with Kalman Snakes," Active Vision, Blake and Yuille ed., MIT Press, Cambridge, pp. 3-20 (1992).
		Thompson et al., "Detecting Moving Objects," *Intl. Journal of Computer Vision*, Vol. 4, pp. 39-57 (1990).
		Toklu et al., "Simultaneous Alpha Map Generation and 2-D Mesh Tracking for Multimedia Applications," ICIP 97, pp. 113-116 (Oct. 1997).
		Torr et al., "Statistical Detection of Independent Movement From a Moving Camera," *J. Image and Vision Computing*, Vol. 11, No. 4, pp. 180-187 (1993).
		Ueda et al., "Tracking Moving Contours Using Energy Minimizing Elastic Contour Models," *Computer Vision ECCV'92*, Springer Verlag, Vol. 588, pp. 453-457 (1992).
		"Video Coding for Low Bitrate Communication," Draft Recommendation H.263, International Telecommunication Union, 51 pp. (December 1995).
		Wang et al., "Representing Moving Images With Layers," *IEEE Transactions on Image Processing*, Vol. 3, No. 5, pp. 625-637 (September 1994).

EXAMINER SIGNATURE:	DATE CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

			Attorney Docket Number	3382-67742
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/767,135
			Filing Date	January 28, 2004
			First Named Inventor	Gu
			Art Unit	Not yet assigned
			Examiner Name	Not yet assigned

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		Wu et al., "A Gradient-Based Method for General Motion Estimation and Segmentation," *J. Visual Communication and Image Representation*, Vol. 4, No. 1, pp. 25-38 (1993).
		Wu et al., "Spatio-Temporal Segmentation of Image Sequences for Object-Oriented Low Bit-Rate Image Coding," *Signal Processing: Image Communication 8*, Vol. 8, No. 6, pp. 513-543 (1996).
		Yao et al., "Tracking a Dynamic Set of Feature Points," *IEEE Trans. On Image Processing*, Vol. 4, No. 10, pp. 1382-1395 (1995).
		Yuille et al., "Deformable Templates," Active Vision, Blake and Yuille ed., MIT Press, Cambridge, pp. 21-38 (1992).
		Zakhor et al., "Edge-Based 3-D Camera Motion Estimation with Application to Video Coding," *IEEE Transactions on Image Processing*, Vol. 2, pp. 481-498 (October 2, 1993).
		Zhong et al., "AMOS: An Active System for MPEG-4 Video Object Segmentation," *ICIP '98*, Chicago, Vol. 2, pp. 647-651 (1998).

EXAMINER SIGNATURE:	DATE CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.